



THE UNITED STATES PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER (Large Entity)

Application Number: 09/428,468

Group Art Unit: 2675

Filed: October 28, 1999

Examiner Name: Spencer

Applicant: Belhaj

Attorney Docket Number: 73-923

TITLE: **BI-DIRECTIONAL SCAN SWITCH MATRIX METHOD AND APPARATUS**

Total Number of Pages in This Submission: 17

**ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231**

SIR:

Transmitted herewith is
an amendment in the above-identified application (17 Pages).

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER Amendment	HIGHEST # PREV. PAID FOR	#OF EXTRA CLAIMS	RATE	ADDITIONAL FEE
Total Claims	14 -	20	0	x \$18 =	
Independent Claims	4 -	4	0	x \$84 =	
Multiple Dependent Claim(s), if applicable					
TOTAL ADDITIONAL FEE:					\$0

The commissioner is hereby authorized to charge any additional fees required under 37 C.F.R. 1.16 or any patent application processing fees under 37 C.F.R. 1.17 associated with this communication, or credit any overpayment to **Deposit Account No. 12-2325 under order No. BELHAJ 5.**

Respectfully submitted,

William H. Bollman

Reg. No.: 36,457

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Date: February 28, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Serial No.: 09/428,468
Filed: October 28, 1999
Group Art Unit: 2675
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Atty Docket No.: Belhaj 5
Our Ref.: 73-923

IN RE PATENT APPLICATION OF:

BELHAJ

TITLE: **BI-DIRECTIONAL SCAN SWITCH MATRIX METHOD AND APPARATUS**

February 28, 2002

AMENDMENT

Director of the US Patent & Trademark Office
Washington, DC 20231

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Sir:

Responsive to the Office Action dated November 28, 2001, please
amend the subject application as follows:

IN THE SPECIFICATION:

Kindly replace the following paragraphs in the specification with the
indicated text:

Clean Set of Paragraphs for the Specification

Page 3, paragraph starting at line 26:

a1

In accordance with an aspect of the principles of the present
invention, a switch matrix comprises a plurality of row conductors, a plurality of
column conductors; and a plurality of switching elements adapted to connect at
least one of the plurality of row conductors to at least one of the plurality of
column conductors, the total number of switching elements of the plurality of
switching elements exceeds a product of a total number of row conductors of the
plurality of row conductors and a total number of column conductors of the
plurality of column conductors.